

ER-2 #809 12/12/15

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 16-9027

Payload Configuration: AMPR, CPL, eMAS, HIWRAP and EXTRAD

Nav Data Collected: Yes

Total Flight Time: 4.1 hours

Comments: Flight 16-9027 was the tenth science mission from KTCM with AMPR, CPL, eMAS, HIWRAP and EXTRAD. Flight was delayed 2 hours due to delayed arrival of LOX from McChord AFB. Flight took off from KTCM at 1000 local and landed in KTCM at 1406 local (4.1 hours). Stu Broce was the pilot. The mission was to survey another deepening low approaching the coast, warm front, warm sector, and weak cold front. Aircraft performed fine with exception of continuing flakiness of autopilot yaw channel. The Cloud Radar System (CRS) had problems from the outset of the mission. Extended time will be allotted tomorrow for pre-flight troubleshooting.

Submitted by: Charles E. Irving on 12/12/15

Flight Segments:

From:	TCM	To:	TCM
Start:	12/12/15 18:00 Z	Finish:	12/12/15 22:06 Z
Flight Time:	4.1 hours		
Log Number:	162003	PI:	David Starr
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		

Flight Hour Summary:

	162003
Flight Hours Approved in SOFRS	70
Total Used	70
Total Remaining	0

162003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/10/15	16-9016	Check	2.3	2.3	67.7	
11/16/15	16-9017	Transit	2.7	5	65	
11/18/15	16-9018	Science	6.6	11.6	58.4	
11/23/15	16-9019	Science	8.2	19.8	50.2	
11/24/15	16-9020	Science	7.1	26.9	43.1	
12/01/15 - 12/02/15	16-9021	Science	5.1	32	38	
12/03/15	16-9022	Science	3.4	35.4	34.6	
12/04/15	16-9023	Science	7	42.4	27.6	
12/05/15	16-9024	Science	4	46.4	23.6	
12/08/15 - 12/09/15	16-9025	Science	3	49.4	20.6	
12/10/15	16-9026	Science	5.8	55.2	14.8	
12/12/15	16-9027	Science	4.1	59.3	10.7	
12/13/15 - 12/14/15	16-9028	Science	8	67.3	2.7	
12/15/15	16-9029	Ferry	2.7	70	0	

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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